

## Anti-FCGR1A/CD64 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse
Molecular Weight:	Theoretical: 41 kDa. Actual: 62 kDa.
Purification:	Protein A purified

## Applications

1. Sample:  
Lane 1: Mouse Lung tissue lysates  
Primary: Anti-FCGR1A/CD64 (TMAB-05946) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 41 kDa  
Observed band size: 62 kDa

2. Blank control (black line): Raw264.7.  
Primary Antibody (green line): Rabbit Anti-CD64 antibody (TMAB-05946)

Verified Activity: Dilution: 1 µg/Test;  
Secondary Antibody (white blue line): Goat Anti-rabbit IgG-AF488  
Dilution: 0.5 µg/Test.  
Isotype control (orange line): Normal Rabbit IgG  
Protocol

The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application: WB,FCM

Recommended WB: 1:500-2000; FCM: 1µg/Test

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse FCGR1A/CD64

Antigen Species: Mouse

Gene ID: 2209

## Research Background

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008]

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